Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A room occupancy sensor for a home automation system having a controller that monitors occupancy of rooms in a home, the occupancy sensor comprising:

a sensor for detecting motion in a room, the sensor having a sensitivity to the motion for triggering the room occupancy sensor; and

a device for measuring ambient room temperature, wherein the sensitivity is adjusted in response to the measured ambient room temperature.

2. (Original) The room occupancy sensor of claim 1, wherein the sensitivity is increased as the ambient room temperature increases.

3. (Original) A home automation system for a home having a plurality of rooms, the system comprising:

a plurality of controlled objects for placement in rooms;

a plurality of room motion sensors for placement in the rooms to detect occupancy by a person therein; and

a controller for controlling the controlled objects in response to detected occupancy by the plurality of room motion sensors;

wherein at least one of the room motion sensors includes:

a sensor for detecting motion in one of the rooms, the sensor having a sensitivity to the motion for triggering the room occupancy sensor, and

a device for measuring ambient room temperature, wherein the sensitivity is adjusted in response to the measured ambient room temperature.

4. (Original) The home automation system of claim 3, wherein the sensitivity is increased as the ambient room temperature increases.

5. (Previously cancelled)

6. (Original) A home automation system for a home having a plurality of rooms separated by doorways, wherein each room has at least one of the doorways associated therewith, the system comprising:

a plurality of controlled objects for placement in rooms;

a plurality of room motion sensors for placement in the rooms to detect occupancy by a person therein; and

a controller for controlling the controlled objects in response to detected occupancy by the plurality of room motion sensors;

wherein at least one of the room motion sensors includes a sensor for detecting motion in one of the rooms, the sensor having a sensitivity to the motion for triggering the room occupancy sensor, and wherein the sensitivity is adjustable in response to signals from the controller.

7. (Original) The home automation system of claim 6, wherein the sensitivity is adjusted in response to detected motion by the sensor.

8. (Original) The home automation system of claim 6, further comprising:

a plurality of entry/exit sensors for placement in doorways to detect movement of a person therethrough, wherein the sensitivity is adjusted in response to detected movement by at least one of the entry/exit sensors.

9. (Original) The home automation system of claim 6, further comprising:

at least one spot sensor for placement in one of the rooms to detect occupancy by a person in a specific location within the one room, wherein the sensitivity is adjusted in response to detected occupancy in the specific location by the spot sensor.

10. (Original) The home automation system of claim 6, further comprising:

at least one status sensor for determining a parameter of the home, wherein the sensitivity is adjusted in response to the determined parameter by the status sensor.

11. (Original) A room occupancy sensor for a home automation system having a controller that monitors occupancy of rooms in a home, the occupancy sensor comprising:

a sensor for detecting motion in a room, and

a filter mechanism for triggering the room occupancy sensor only in response to repeated motion detections by the sensor that exceed a predetermined number, that are each separated apart by a predetermined separation time period, and that all occur within a predetermined group time period.

12. (Original) A home automation system for a home having a plurality of rooms separated by doorways, wherein each room has at least one of the doorways associated therewith, the system comprising:

a plurality of controlled objects for placement in rooms;

a plurality of room motion sensors for placement in the rooms to detect occupancy by a person therein; and

a controller for controlling the controlled objects in response to detected occupancy by the plurality of room motion sensors;

wherein at least one of the room motion sensors includes:

a sensor for detecting motion in one of the rooms, and

a filter mechanism associated with the room motion sensor for triggering the room motion sensor only in response to repeated motion detections that exceed a predetermined number, that are each separated apart by a predetermined separation time period, and that all occur within a predetermined group time period.

13. (Original) The home automation system of claim 12, wherein at least one of the predetermined number, predetermined time period and predetermine group time period are adjustable by the controller.

14. (Original) The home automation system of claim 13, wherein for the at least one room motion sensor:

the controller counts the number of the repeated motion detections, determines the time separation between the repeated motion detections, and determines the time period in which all the repeated motion detections occur; and

the controller determines that the room motion sensor is triggered when the counted motion detections exceed the predetermined number, are separated apart by the predetermined separation time period, and all occur within the predetermined group time period.

15. (Original) The home automation system of claim 13, further comprising:

a plurality of entry/exit sensors for placement in doorways to detect movement of a person therethrough, wherein at least one of the predetermined number, predetermined time period and predetermine group time period are adjusted in response to detected movement by at least one of the entry/exit sensors.

16. (Original) The home automation system of claim 13, further comprising:

at least one spot sensor for placement in one of the rooms to detect occupancy by a person in a specific location within the one room, wherein at least one of the predetermined

number, predetermined time period and predetermine group time period are adjusted in response to detected occupancy in the specific location by the spot sensor.

17. (Original) The home automation system of claim 13, further comprising:

at least one status sensor for determining a parameter of the home, wherein at least one of the predetermined number, predetermined time period and predetermine group time period are adjusted in response to the determined parameter by the status sensor.

18. (Original) A method of automated control of a plurality of controlled objects placed in a plurality of rooms in a home, wherein a plurality of room motion sensors are placed in the rooms to detect occupancy by a person therein, the method comprising the steps of:

controlling the controlled objects in response to detected occupancy by the plurality of room motion sensors;

measuring ambient room temperature; and

adjusting a sensor trigger sensitivity of at least one of the room motion sensors in response to the measured ambient room temperature.

19. (Previously cancelled)

20. (Previously amended) A method of automated control of a plurality of controlled objects placed in a plurality of rooms in a home, wherein a plurality of room motion sensors are placed in the rooms to detect occupancy by a person therein and the plurality of rooms are separated by doorways which include a plurality of entry/exit sensors for detecting movement of a person therethrough, the method comprising:

controlling the controlled objects in response to detected occupancy by the plurality of room motion sensors;

adjusting a sensor trigger sensitivity of at least one of the room motion sensors in response to detected occupancy by at least one of the room motions sensors; and

adjusting a sensor trigger sensitivity of at least one of the room motion sensors in response to detected movement by at least one of the plurality of entry/exit sensors.

21. (Previously amended) A method of automated control of a plurality of controlled objects placed in a plurality of rooms in a home, wherein a plurality of room motion sensors are placed in the rooms to detect occupancy by a person therein and the home includes at least one spot sensor for detecting occupancy by a person in a specific location within the one rooms, the method comprising:

controlling the controlled objects in response to detected occupancy by the plurality of room motion sensors;

adjusting a sensor trigger sensitivity of at least one of the room motion sensors in response to detected occupancy by at least one of the room motions sensors; and

adjusting a sensor trigger sensitivity of at least one of the room motion sensors in response to detected occupancy by the spot sensor.

22. (Previously amended) A method of automated control of a plurality of controlled objects placed in a plurality of rooms in a home, wherein a plurality of room motion sensors are placed in the rooms to detect occupancy by a person therein and the home includes at least one status sensor for determining a parameter of the home, the method comprising:

controlling the controlled objects in response to detected occupancy by the plurality of room motion sensors;

adjusting a sensor trigger sensitivity of at least one of the room motion sensors in response to detected occupancy by at least one of the room motions sensors; and

adjusting a sensor trigger sensitivity of at least one of the room motion sensors in response to the home parameter determined by the status sensor.

23. (Original) A method of automated control of a plurality of controlled objects placed in a plurality of rooms in a home, wherein a plurality of room motion sensors are placed in the rooms to detect occupancy by a person therein, the method comprising the steps of:

triggering one of the room motion sensors only in response to repeated motion detections that exceed a predetermined number, that are each separated apart by a predetermined separation time period, and that all occur within a predetermined group time period; and

controlling at least one controlled object in response to the triggered room motion sensor.